



#13

PATENT APPLICATION

Sheet 1 of 14

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10010313-1

SERIAL NO.

09/921,406

APPLICANT

Yakhinin, Zohar

FILING DATE

August 2, 2001

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
GN	1A	6,025,137	Feb 15, 2000	Shyjan	435	6
GN	1B	6,057,105	May 2, 2000	Hoon et al.	435	6
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

GN	1Q	Hall et al., "Update on the Incidence and Mortality from Melanoma in the United States" J. Am. Acad. Dermatol. 40: 35-42, 1999.
	1R	Weyers et al., "Classification of Cutaneous Malignant Melanoma: A Reassessment of Histopathologic Criteria for the Distinction of Different Types" Cancer 86: 288-299, 1999.
	1S	Byers et al., "Pathologic Parameters in the Diagnosis and Prognosis of Primary Cutaneous Melanoma" Hematol. Oncol. Clin. North Am. 12: 717-735, 1998.

EXAMINER

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DATE CONSIDERED

12/10/03



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09/921,406

APPLICANT

Yakhinin, Zohar

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August 2, 2001

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
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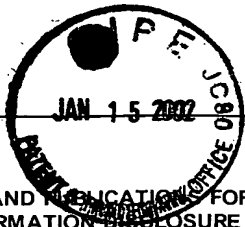
GW	2Q	McMasters et al., "Recent Advances in Melanoma Staging and Therapy" Ann. Surg. Oncol. 6: 467-475, 1999.
	2R	Maniotis et al., "Vascular Channel Formation by Human Melanoma Cells in Vivo and in Vitro: Vascuogenic Mimicry" Am. J. Pathol. 155: 739-752, 1999.
	2S	DeRisi et al., "Use of a cDNA Microarray to Analyse Gene Expression Patterns in Human Cancer", Nature Genet. 14: 457-460, 1996.

EXAMINER

GW

DATE CONSIDERED

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

Gw 	3Q	Khan et al., "Gene Expression Profiling of Alveolar Rhabdomyosarcoma with cDNA Microarrays" Caner Res. 58:5009-5013, 1998.
	3R	Perou et al., "Distinctive Gene Expression Patterns in Human Mammary Epithelial Cells and Breast Cancers" Proc. Natl. Sci. USA 96: 9212-9217, 1999.
	3S	Golub et al., "Molecular Classification of Cancer, Class Discovery and Class Prediction by Gene Expression Monitoring" Science 286: 531-537, 1999.

EXAMINER

Gw

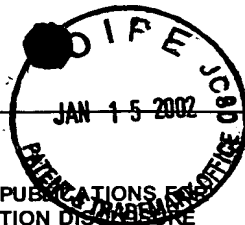
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Yakhinin, Zohar

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August 23, 2001

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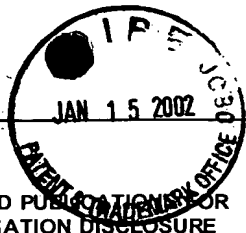
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	4P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	4Q	Alizadeh et al., "Distinct Types of Diffuse Large B-Cell Lymphoma Identified by Gene Expression Profiling" Nature 403: 503-511, 2000.
	4R	Bittner et al., "Data Analysis and Integration of Steps and Arrows" Nature Genet. 22: 213-215, 1999.
	4S	Eisen et al., "Cluster Analysis and Display of Genome-Wide Expression Patterns" Proc. Natl. Acad. Sci USA, 95: 14863-14868, 1998.

EXAMINER

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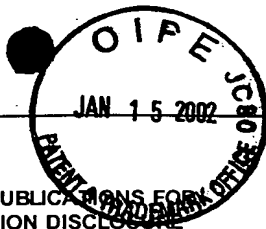
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	5Q	Everitt, B. Applied Multivariate Data Analysis. (Oxford Univ. Press. New York, 1992).
	5R	Bittner, et al., "Molecular Classification of Cutaneous Malignant Melanoma by Gene Expression Profiling", Nature, 406: 536-539, 2000.
	5S	Adams "Characterization of Cell-Matrix Adhesion Requirements for the Formation of Fascin Microspikes" Mol. Biol. Cell 8:2345-2363, 1997.

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DATE CONSIDERED



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APPLICANT

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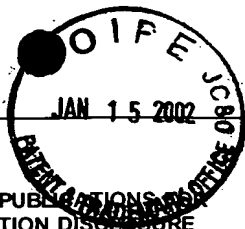
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	6Q	Scott et al., "pp125FAK in Human Melanocytes and Melanoma: Expression and Phosphorylation" Exp. Cell Res. 219: 197-203, 1995.
	6R	Jannji et al., "Autocrine TGF-Beta-Regulated Expression of Adhesion Receptors and Integrin-Linked Kinase in HT-144 Melanoma Cells Correlates with Their Metastatic Phenotype" Int. J. Cancer 83: 255-262, 1999.
	6S	Hieken et al., "Beta1 Integrin Expression in Malignant Melanoma Predicts Occult Lymph Node Metastases" Surgery 118: 669-673, 1995.

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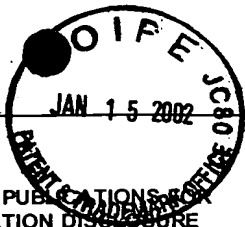
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	7Q	Van Belle et al., "Progression-Related Expression of beta3 Integrin in melanomas and Nevi" Hum. Pathol. 30:562-567, 1999.
	7R	Woods et al., "Syndecan-4 Binding to the High Affinity Heparin-Binding Domain of Fibronectin Drives Focal Adhesion Formation in Fibroblasts", Arch. Biochem. Biophys. 374: 66-72, 2000.
	7S	Helige et al., "Interrelation of Motility, Cytoskeletal Organization and Gap Junctional Communication with Invasiveness of Melanocytic Cells in Vitro" Invasion Metastasis, 17: 26-41, 1997.

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	8Q	Maung et al., "Requirement for Focal Adhesion Kinase in Tumor Cell Adhesion" Oncogene 18: 6824-6828, 1999.
	8R	Silletti et al., "Autocrine Motility Factor and the Extracellular Matrix I. Coordinate Regulation of Melanome Cell Adhesion, Spreading and Migration Involves Focal Contact Reorganization" Int. J. Cancer, 76: 120-128, 1998.
	8S	Duggan et al., "Expression Profiling Using cDNA Microarrays" Nature Genet. 21: 10-14, 1999.

EXAMINER

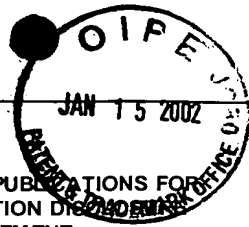
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FORM PTO-1449

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Yakhnin, Zohar

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	9Q	Khan et al., "DNA Microarray Technology: The Anticipated Impact on the Study of Human Disease" Biochim. Biophys. Acta 1423:: 17-28, 1999.
	9R	Tamura et al., "Inhibition of Cell Migration, Spreading and Focal Adhesions by Tumor Suppressor PTEN" Science, 280:1614-1617, 1998.
	9S	Berenes et al., "The Role of Extracellular Matrix in Human Astrocytoma Migration and Proliferation Studied Studied in a Microliter Scale Assay" Clin Exp. Metastasis 12:405-415, 1994.

EXAMINER

DATE CONSIDERED

FORM PTO-1449

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LIST OF PATENTS AND PUBLICATIONS FOR
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STATEMENT

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Yakhinin, Zohar

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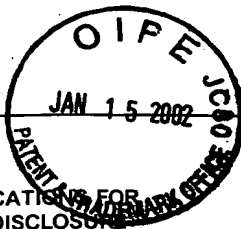
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	10	Giese et al., Contrasting Migratory Response of Astocytoma Cells to Tenascin Mediated by Different Integrin", J. Cell Sci., 109: 2161-2168, 1996.
	10	Hendrix et al., "A Simple Quantitative Assay for Studing the Invasive Potential of High and Low Human Metastatic Variants" Cancer Lett. 38: 137-147, 1987.
	10	Hendrix et al., "Role of Intermediate Filaments in Migration, Invasion and Metastasis", Cancer Metastasis Rev. 15:507-525, 1996.

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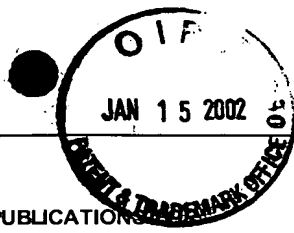
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	11	Bui, et al., "Exp;ression and Hormone Regulation of Wnt2, 3, 4, 5a, 7a, 7b and 10b in Normal Human Endometrium and Endometrial Carcinoma", British Journal of Cancer, 75(8): 1131-1136, 1997.
	11	Bui, et al., "Expression of Wnt5a is Downregulated by Extracellular Matrix and Mutated c-Ha-ras in the Human Mammary Epithelial Cell Line MCF-10A", Biochemical and Biophysical Research Communications, 239: 911-917, 1997.
	11	Lejeune, et al., "Wnt5a Cloning, Expression, and Up-Regulation in Human Primary Breast Cancers", Clinical Cancer Research, 1, 215-222, 1995.

EXAMINER

DATE CONSIDERED

10/01/03



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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	12	Huguet, et al., "Regulation of Wnt5a mRNA Expression in Human Mammary Epithelial Cells by Cell Shape, Confluence, and Hepatocyte Growth Factor", The Journal of Biological Chemistry, 270(21): 12851-12856, 1995.
	12	Jonsson, et al., "Regulation of Wnt5a Expression in Human Mammary Cells by Protein Kinase C Activity and the Cytoskeleton", British Journal of Cancer, 78(4): 430-438, 1998.
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EXAMINER

DATE CONSIDERED

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